**REISSUE APPLICATION DECLARATION BY THE ASSIGNEE**

Docket Number (optional)

P54428RE

I hereby declare that:

My residence and post office address and citizenship are stated below next to my name.

I am authorized to act on behalf of the following assignee: SAMSUNG ELECTRONICS CO., LTD.and the title of my position with said assignee is: Senior Manager

The entire title to the patent identified below is vested in said assignee.

Name of Patentee(s):

SEUNG-CHEOL HONG, KI-YOUNG JANG

Patent Number:

5,944,830

Date of Patent Issued:

31 August 1999

Title of Invention:

REDUCING POWER CONSUMPTION IN MONITOR BY SWITCHING OFF HEATER POWER IN POWER-OFF MODE

I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled ***REDUCING POWER CONSUMPTION IN MONITOR BY SWITCHING OFF HEATER POWER IN POWER-OFF MODE***.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, or §119(e) of any United States provisional application(s), listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority Claimed:

<u>6135/1996</u>	<u>Republic of Korea</u>	<u>8 March 1996</u>
(Application Number)	(Country)	(Day/Month/Year filed)

Yes [X] No []

<u>4299/1996</u>	<u>Republic of Korea</u>	<u>8 March 1996</u>
(Application Number)	(Country)	(Day/Month/Year filed)

Yes [X] No []

the specification of which

☐ is attached hereto.☒ was filed on 31 August 2001 as reissue application number 09/942,961

and was amended on _____ . (If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

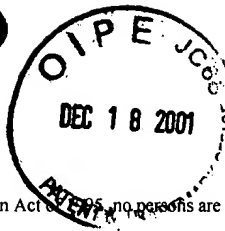
I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below.

(Check all boxed that apply.)

☐ by reason of a defective specification or drawings.☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

I believe the original of aforesaid patent to be wholly or partly inoperative by reason of my claiming more or less than I had a right to claim in the original patent, due to errors in each of claims 1 through 10, and more specifically, by failing to more broadly claim my inventions as disclosed and described in the original patent. Specifically, although the specification broadly describes power management control for monitors, independent claim 1 describes my invention too narrowly by claiming "a power supply unit for converting an AC input voltage to a DC output voltage", although my invention may be practiced "to reduce the power consumption of a color display tube", as described in column 2 at lines 57 and 58. Accordingly, it is my intent and desire to obtain broader coverage of my inventions as defined by newly presented claims 11 through 60 in this reissue application, and it is my intent and desire to obtain clarified coverage of my inventions as set forth in the amended claims 7 through 10 in this reissue application.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

PTO/SB/52 (08-99)
Approved for use through 9/30/00. OMB 0651-0033
patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

(REISSUE APPLICATION DECLARATION BY THE ASSIGNEE, page 3)				Docket Number (optional) P54428RE	
All errors corrected by this reissue application arose without any deceptive intent on the part of the Applicant. I offer to surrender the original grant of the patent, but that patent is lost or has become unavailable. I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Name(s) Robert E. Bushnell Registration Number 27,774					
Correspondence Address: Direct all communications about the application to: <input type="checkbox"/> Customer Number 008-439 → <i>Place Customer Number Bar Code Label Here</i> <i>Type Customer Number Here</i> OR					
<input checked="" type="checkbox"/> Firm or Individual Name		ROBERT E. BUSHNELL and Law Firm			
Address	1522 K Street, N.W., Suite 300,				
City	Washington	State	D.C.	Zip	20005-1202
Country	U.S.A.				
Telephone	(202) 408-9040		Facsimile	(202) 289-7100	
The undersigned officer of the Assignee, is duly authorized to make this Declaration, and has examined the documents of title, and determined that Samsung Electronics Co., Ltd., the assignee of U.S. Patent No. 5,944,830 by virtue of an Assignment from all inventors recorded in the U.S. Patent & Trademark Office at Reel No. ----, at Frame No. ---- on the --- day of September 2001 (Assignment filed on 9 July 2001 is currently being recorded), consents to the filing of this reissue application for the reissue of U.S. Patent No. 5,944,830. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed					
Full name of person signing (given name, family name)		DONG-HO LEE			
Signature				Date	
Address of Assignee: 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of KOREA					
Patentee: SEUNG-CHEOL HONG			Citizenship: Republic of KOREA		
Residence/Post Office Address: 319-6, In Gyui-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea					
Patentee: KI-YOUNG JANG			Citizenship: Republic of KOREA		
Residence/Post Office Address:					



4

PTO/SB/51 (12/97)

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patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)
PS4428RE

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,944,830, granted on 31 August 1999, and for which a reissue patent is sought on the invention entitled REDUCING POWER CONSUMPTION IN MONITOR BY SWITCHING OFF HEATER POWER IN POWER-OFF MODE.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations § 1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, or § 119(e) of any United States provisional application(s), listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>6135/1996</u> (Application Number)	<u>Republic of Korea</u> (Country)	<u>8 March 1996</u> (Day/Month/Year filed)
<u>4299/1996</u> (Application Number)	<u>Republic of Korea</u> (Country)	<u>8 March 1996</u> (Day/Month/Year filed)

Priority Claimed:
Yes [X] No []

Yes [X] No []

the specification of which

☐ is attached hereto.

☒ was filed on 31 August 2001 as reissue application number 09/942,961

and was amended on _____, (if applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below.
(Check all boxes that apply.)

☐ by reason of a defective specification or drawings.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

[Page 1 of 3]

Workload Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

At least one error upon which reissue is based is described as follows:

I believe the original of aforesaid patent to be wholly or partly inoperative by reason of my claiming more or less than I had a right to claim in the original patent, due to errors in each of claims 1 through 10, and more specifically, by failing to more broadly claim my inventions as disclosed and described in the original patent. Specifically, although the specification broadly describes power management control for monitors, independent claim 1 describes my invention too narrowly by claiming "a power supply unit for converting an AC input voltage to a DC output voltage", although my invention may be practiced "to reduce the power consumption of a color display tube", as described in column 2 at lines 57 and 58. Accordingly, it is my intent and desire to obtain broader coverage of my inventions as defined by newly presented claims 11 through 60 in this reissue application, and it is my intent and desire to obtain clarified coverage of my inventions as set forth in the amended claims 7 through 10 in this reissue application.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 3)		Docket Number (Optional) P54428RE	
<p>All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.</p> <p>Name(s): <u>Robert E. Bushnell</u> Registration Number: <u>27,774</u></p> <p>Correspondence Address: Direct all communication about the application to: <input type="checkbox"/> Customer Number <u>008-439</u> → Place Customer Number, Bar Code Label Here Type Customer Number Here OR</p>			
<input checked="" type="checkbox"/> Firm or individual Name	ROBERT E. BUSHNELL and Law Firm		
Address	1522 K Street, N.W., Suite 300,		
City	Washington	State	D.C. ZIP 20005-1202
Country	U.S.A.		
Telephone	(202) 408-9040	Fax	(202) 289-7100
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.</p>			
Full name of sole or first inventor (given name, family name)			
SEUNG-CHEOL HONG			
Inventor's signature			
Seung-Cheol Hong 200			
Residence:	Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea	Date	2001. 12. 17
Post Office Address:	319-6, In Gyui-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea	Citizenship:	Republic of Korea
Full name of second inventor (given name, family name)			
KI-YOUNG JANG			
Inventor's signature			
Ki-Yong Jang			
Residence	Jangan-gu, Suwon, Kyungki-do, Republic of Korea	Date	2001. 12. 17
Post Office Address:	245-40, Yunsu-dong, Jangan-gu, Suwon, Kyungki-do, Republic of Korea	Citizenship	Republic of Korea
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.			

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

P54428RE

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,944,830, granted on 31 August 1999, and for which a reissue patent is sought on the invention entitled REDUCING POWER CONSUMPTION IN MONITOR BY SWITCHING OFF HEATER POWER IN POWER-OFF MODE.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, or §119(e) of any United States provisional application(s), listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>6135/1996</u>	<u>Republic of Korea</u>	<u>8 March 1996</u>	Priority Claimed:
(Application Number)	(Country)	(Day/Month/Year filed)	Yes [X] No []
<u>4299/1996</u>	<u>Republic of Korea</u>	<u>8 March 1996</u>	Yes [X] No []
(Application Number)	(Country)	(Day/Month/Year filed)	

the specification of which

☐ is attached hereto.

☒ was filed on 31 August 2001 as reissue application number 09/942,961

and was amended on _____ . (If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

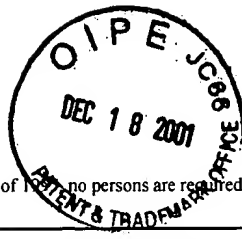
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawings.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 3)				Docket Number (Optional) P54428RE	
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Name(s): <u>Robert E. Bushnell</u>		Registration Number: <u>27,774</u>			
Correspondence Address: Direct all communication about the application to:					
<input type="checkbox"/> Customer Number		008-439 →		Place Customer Number, Bar Code Label Here	
OR		Type Customer Number Here			
<input checked="" type="checkbox"/> Firm or individual Name		ROBERT E. BUSHNELL and Law Firm			
Address		1522 K Street, N.W., Suite 300,			
City		Washington	State	D.C.	ZIP 20005-1202
Country		U.S.A.			
Telephone		(202) 408-9040	Fax	(202) 289-7100	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor (given name, family name) SEUNG-CHEOL HONG					
Inventor's signature					
Residence: Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea				Date	
Post Office Address: 319-6, In Gyui-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea				Citizenship: Republic of Korea	
Full name of second inventor (given name, family name) KI-YOUNG JANG					
Inventor's signature					
Residence Jangan-gu, Suwon, Kyungki-do, Republic of Korea				Date	
Post Office Address: 245-40, Yunsu-dong, Jangan-gu, Suwon, Kyungki-do, Republic of Korea				Citizenship Republic of Korea	
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.					



4

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Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

REISSUE APPLICATION DECLARATION BY THE ASSIGNEE			Docket Number (optional) PS4428RE								
<p>I hereby declare that: My residence and post office address and citizenship are stated below next to my name. I am authorized to act on behalf of the following assignee: <u>SAMSUNG ELECTRONICS CO., LTD.</u> and the title of my position with said assignee is: <u>Senior Manager</u> The entire title to the patent identified below is vested in said assignee.</p>											
Name of Patentee(s): <p style="text-align: center;">SEUNG-CHEOL HONG, KI-YOUNG JANG</p>											
Patent Number: <u>5,944,830</u>		Date of Patent Issued: <u>31 August 1999</u>									
Title of Invention: <u>REDUCING POWER CONSUMPTION IN MONITOR BY SWITCHING OFF HEATER POWER IN POWER-OFF MODE</u>											
<p>I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled <u>REDUCING POWER CONSUMPTION IN MONITOR BY SWITCHING OFF HEATER POWER IN POWER-OFF MODE</u>.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, or §119(e) of any United States provisional application(s), listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:</p> <table border="0"><tr><td><u>6135/1996</u> (Application Number)</td><td><u>Republic of Korea</u> (Country)</td><td><u>8 March 1996</u> (Day/Month/Year filed)</td><td>Priority Claimed: Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>]</td></tr><tr><td><u>4299/1996</u> (Application Number)</td><td><u>Republic of Korea</u> (Country)</td><td><u>8 March 1996</u> (Day/Month/Year filed)</td><td>Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>]</td></tr></table> <p>the specification of which</p> <p><input type="checkbox"/> is attached hereto. <input checked="" type="checkbox"/> was filed on <u>31 August 2001</u> as reissue application number <u>09/942,961</u> and was amended on _____ (If applicable)</p> <p>I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input type="checkbox"/> by reason of a defective specification or drawings. <input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent. <input type="checkbox"/> by reason of other errors.</p>				<u>6135/1996</u> (Application Number)	<u>Republic of Korea</u> (Country)	<u>8 March 1996</u> (Day/Month/Year filed)	Priority Claimed: Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>]	<u>4299/1996</u> (Application Number)	<u>Republic of Korea</u> (Country)	<u>8 March 1996</u> (Day/Month/Year filed)	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>]
<u>6135/1996</u> (Application Number)	<u>Republic of Korea</u> (Country)	<u>8 March 1996</u> (Day/Month/Year filed)	Priority Claimed: Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>]								
<u>4299/1996</u> (Application Number)	<u>Republic of Korea</u> (Country)	<u>8 March 1996</u> (Day/Month/Year filed)	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>]								

(Page 1 of 3)

Burdent Low Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS
SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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(REISSUE APPLICATION DECLARATION BY THE ASSIGNEE, page 3)		Docket Number (optional) 154428KE	
<p>All errors corrected by this reissue application arose without any deceptive intent on the part of the Applicant. I offer to surrender the original grant of the patent, but that patent is lost or has become unavailable. I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.</p> <p>Name(s) Robert E. Bushnell Registration Number 27,774</p>			
<p>Correspondence Address: Direct all communications about the application to:</p> <p><input checked="" type="checkbox"/> Customer Number 008-439 → Place Customer Number Bar Code Label Here Type Customer Number Here</p> <p>OR</p>			
<input checked="" type="checkbox"/> Firm or Individual Name		ROBERT E. BUSHNELL and Law Firm	
Address	1522 K Street, N.W., Suite 300,		
City	Washington	State	D.C.
Country	U.S.A.		
Telephone	(202) 408-9040	Facsimile	(202) 289-7100
<p>The undersigned officer of the Assignee, is duly authorized to make this Declaration, and has examined the documents of title and determined that Samsung Electronics Co., Ltd., the assignee of U.S. Patent No. 5,944,830 by virtue of an Assignment from all inventors recorded in the U.S. Patent & Trademark Office at Reel No. ---, at Frame No. --- on the --- day of September, 2001 (Assignment filed on 9 July 2001 is currently being recorded), consents to the filing of this reissue application for the reissue of U.S. Patent No. 5,944,830.</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.</p>			
Full name of person signing (given name, family name)		DONG-HO LEE	
Signature	<i>Dongho Lee</i>		Date December 19, 2001
Address of Assignee: 416 Maetan-dong, Paldal-gu, Suwon city, Kyungki-do, Republic of KOREA			
Patentee: SEO NG-CHUL HONG		Citizenship: Republic of KOREA	
Residence/Post Office Address: 319-6, In Gyu-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea			
Patentee: KE-YOUNG JANG		Citizenship: Republic of KOREA	
Residence/Post Office Address:			